



UMCS



## ANNOUNCEMENT NO. 3

Department of Hydrology and Climatology, Institute of Earth and Environmental Sciences, UMCS in Lublin  
Institute of Geological Sciences, Polish Academy of Sciences  
Hydrological Commission of the Polish Geographical Society  
Lublin Branch of the Polish Geographical Society  
Lublin Branch of the Polish Geophysical Society

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are pleased to invite you to Kazimierz Dolny on 20-22.09.2023 for

### V Crenological Conference

*Springs - an underestimated phenomenon of nature*

**with the celebration of 70 years of crenological research at UMCS**

#### **Honorary patronage**

UMCS Rector, Professor Radosław Dobrowolski  
State Water Holding Polish Waters

We would like to thank you for registering your participation in the V Crenological Conference *Springs - an underestimated phenomenon of nature*, which will be held in Kazimierz Dolny at the Spichlerz Park Resort (61 Krakowska St., 24-120 Kazimierz Dolny).

## Schedule of the 5th Crenology Conference

Kazimierz Dolny, 20-22.09.2023

<b>20.09.2022 r. Wednesday</b>	
<b>10.00–11.00</b>	Opening Ceremony of the Conference Zdzisław Michalczyk: <i>70 Years Of Crenological Research At The UMCS</i>
<b>11.00-11.30</b>	Coffee break
<b>11.30-13.15</b>	<b>1st Thematic Session</b> <b>Chairman: Andrzej Górniak</b> 1. Ana-Voica Bojar, Stanisław Chmiel, Hans-Peter Bojar, Victor Barbu, Carmen Varlam: <i>Springs In Western Sector Of The South Carpathians: A Historical And Recent Perspective</i> 2. Vasyl Fesyuk, Daryna Musiichuk: <i>Springs Of The Western Bug River Basin Within The Volyn Oblast</i> 3. Tadeusz Molenda: <i>Hydrographic And Hydrochemical Characteristics Of Selected Springs Of The Mountains Of West Asia</i> 4. Edmund Tomaszewski, Malwina Kozek-Połomska: <i>Relationships Between Springs Yield Dynamics And Features Of Hydrological Drought Development</i>
<b>13.15-14.15</b>	Lunch
<b>14.15-16.00</b>	<b>2nd Thematic Session</b> <b>Chairman: Anna Szczucińska</b> 1. Mirosław Żelazny, Janusz Siwek, Anna Bojarczuk, Marta Pufelska: <i>Diversity Of Spring Water Resources In The Tatra Mountains</i> 2. Janusz Siwek, Bartłomiej Rzonca: <i>The Influence Of Hydrogeological Conditions On The Spring Regime In The Massif Of The Połonina Wetlińska (Bieszczady Mountains)</i> 3. Anna Bojarczuk, Agnieszka Rajwa-Kuligiewicz: <i>Impact Of Springs On The Waters Of The Tatra Streams</i> 4. Izabela Chlost, Ewa Tarnawska: <i>Groundwater Drainage Of The First Aquifer In The Edge Of The Kashubian Lake District</i> 5. Elżbieta Jekatierynczuk-Rudczyk, Katarzyna Puczko, Adam Więcko, Piotr Zieliński: <i>The Natural Outflow Of Groundwater In Biebrza National Park And Its Buffer Zone</i>
<b>16.00-16.30</b>	Coffee break
<b>16.30-18.15</b>	<b>3rd Thematic Session</b> <b>Chairman: Paweł Jokiel</b> 1. Andrzej Górniak, Adam Więcko: <i>Hydrochemical Springs Diversity In The Eastern Poland</i> 2. Magdalena Grabowska, Agata Z. Wojtal, Agnieszka Pociecha, Stanisław Chmiel, Krzysztof Stępniewski, Mariusz Pliźga, Magdalena Kończak: <i>From The Average Middle To The Privileged Margin: Taxonomic Diversity And Ecological Aspects Of The Occurrence Of Diatoms In The Springs Of Roztocze</i> 3. Stanisław Chmiel, Krzysztof Stępniewski, Mariusz Pliźga, Beata Zielińska, Magdalena Kończak, Ewa Maciejewska, Beata Gebus-Czupyt: <i>Trophic Potential Of Groundwater And Its Environmental Implications</i> 4. Beata Gebus-Czupyt, Stanisław Chmiel, Małgorzata Kończak, Jacek Stienss, Magdalena Radzikowska, Miłosz Huber, Krzysztof Stępniewski, Mariusz Pliźga, Beata Zielińska: <i>Identification Of Phosphate Sources In Waters By Using The Isotopic Composition Of Phosphate Oxygen (<math>\delta^{18}\text{O-PO}_4</math>)</i> 5. Jarosław Grodowski: <i>Isotopic Analysis Of Water By CRDS</i>
<b>18.30-19.30</b>	Concert of the Band "Hot Plasma Orchestra"
<b>20.00</b>	Gala dinner

<b>21.09.2023 r. Thursday</b>	
<b>8.00-9.00</b>	Breakfast
<b>9.00-13.30</b>	Cruise on the Vistula River and a walking tour of Kazimierz Dolny
<b>13.30-14.30</b>	Lunch
<b>14.30-16.15</b>	<b>4th Thematic Session</b> <b>Chairman: Zdzisław Michalczyk</b> 1. Małgorzata Mazurek: <i>Effect Of Groundwater On Sediment Lithology In The Spring Niches (Parsęta Drainage Basin)</i> 2. Elżbieta Jekatierynczuk-Rudczyk, Katarzyna Puczko: <i>The Spring Area By The Jaczno Lake - Hydrological And Hydrochemical Characteristics</i> 3. Magdalena Grabowska, Wanessa Lewandowicz: <i>Bentic Diatoms As Indicators Of Ecological Status Of Springs Of Białystok</i> 4. Przemysław Tomalski, Radosław Badowski: <i>Springs In The Upper Drzewiczka Catchment</i> 5. Jarosław Dawidek: <i>Assessment Of The Possibility Of Using Spring Water Resources In Selected Catchments Of Lublin Voivodeship</i>
<b>16.15-16.30</b>	Coffee break
<b>16.30-18.15</b>	<b>5th Thematic Session</b> <b>Chairman: Mirosław Żelazny</b> 1. Adam Bartnik, Przemysław Tomalski: <i>Natural And Social Conditions Of Functioning Of The "Royal Springs" In Żeromin</i> 2. Izabela Chlost, Joanna Fac-Beneda: <i>Natural, Economic And Social Importance Of Springs In The Pomeranian Voivodeship</i> 3. Jacek Różkowski, Grzegorz Barczyk, Anna Chwalik – Borowiec, Jerzy Małecki, Dorota Okoń, Joanna Sposób, Marek Turczyński, Stanisław Chmiel: <i>Participation Of The Scientific Community Of Crenologists In Poland In The Implementation Of The Project "Most Important Karst Aquifer Springs" (Mikas) Of The International Association Of Hydrogeologists</i> 4. Łukasz Chabudziński: <i>Spring Data Sources - How And Where To Acquire Creonological Objects Data</i> 5. Mateusz Zakrzewski, Mateusz Nowakowski: <i>The Concept Of The Creation Of A Public Registry On Sources And Springs</i>
<b>18.15-19.00</b>	Summary of the conference
<b>19.30</b>	Dinner in the open air
<b>22.09.2023 r. Friday</b>	
<b>7.00-8.00</b>	Breakfast
<b>8.15-13.30</b>	Field session: <b>Kazimierz Dolny - Wąwolnica – Nałęczów</b>
<b>13.30-15.00</b>	Lunch (Nałęczów)
<b>About 15.30</b>	Return to the Spichlerz Park Resort

**Please prepare speeches (Power Point presentations) up to 15 minutes**

**Participants who prefer vegetarian or vegan meals - please let us know by September 12**  
**Participants interested in organized transportation from Puławy (railway station) or Kazimierz Dolny**  
**(bus stop) to the conference venue on September 20, please inform us by September 14**

Detailed information can be found on website:

[www.umcs.pl/pl/v-konferencja-krenologiczna,25522.htm](http://www.umcs.pl/pl/v-konferencja-krenologiczna,25522.htm)

Conference Secretariat: Department of Hydrology and Climatology, Institute of Earth and Environmental Sciences UMCS, 2d Kraśnicka Ave., 20-718 Lublin, phone +48 81 537 68 76,  
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### **Scientific committee:**

Professor Mirosław Żelazny, Jagiellonian University in Kraków – Chairman  
Professor Zdzisław Michalczyk, Maria Curie-Skłodowska University in Lublin – Honorary Chairman  
Associate Professor Dušan Barabas, Pavol Jozef Šafárik University in Košice, Slovakia  
Associate Professor Ana-Voica Bojar, University of Salzburg, Austria  
Professor Roman Cieśliński, University of Gdańsk  
Associate Professor Stanisław Czachorowski, University of Warmia and Mazury in Olsztyn  
Professor Andrzej Górniak, University of Białystok  
Associate Professor Magdalena Grabowska, University of Białystok  
Associate Professor Renata Graf, Adam Mickiewicz University in Poznań  
Associate Professor Joanna Fac-Beneda, University of Gdańsk  
Associate Professor Vasil Fesyuk, Lesya Ukrainka Volyn National University in Lutsk, Ukraine  
Associate Professor Elżbieta Jekatierynczuk-Rudczyk, University of Białystok  
Professor Paweł Jokieli, University of Łódź  
Professor Krzysztof Józwiakowski, University of Life Sciences in Lublin  
Professor Ivan Kirvel, Pomeranian University in Słupsk  
Professor Włodzimierz Marszelewski, Nicolaus Copernicus University in Toruń  
Associate Professor Małgorzata Mazurek, Adam Mickiewicz University in Poznań  
Associate Professor Tadeusz Molenda, University of Silesia in Katowice  
Associate Professor Jacek Rózkowski, University of Silesia in Katowice  
Professor Mariusz Rzętała, University of Silesia in Katowice  
Associate Professor Bartłomiej Rzonca, Jagiellonian University in Kraków  
Associate Professor Janusz Siwek, Jagiellonian University in Kraków  
Associate Professor Ireneusz Sobota, Nicolaus Copernicus University in Toruń  
Professor Stanisław Staśko, University of Wrocław  
Associate Professor Anna Maria Szczucińska, Adam Mickiewicz University in Poznań  
Associate Professor Danuta Szumińska, Kazimierz Wielki University in Bydgoszcz  
Associate Professor Edmund Tomaszewski, University of Łódź  
Associate Professor Dariusz Wrzeński, Adam Mickiewicz University in Poznań  
Associate Professor Maciej Ziulkiewicz, University of Łódź

### **Organizing Committee:**

Associate Professor Stanisław Chmiel – Chairman  
Ph.D. Beata Gebus-Czupyt – Vice-Chairman  
Ph.D. Katarzyna Mięsiak-Wójcik – Secretary  
Ph.D. Joanna Sposób – Secretary  
M.Sc. Beata Zielińska – Treasurer  
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Ph.D. Krzysztof Bartoszek  
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